

The diagram illustrates a system architecture with the following components and connections:

- Input 3:** A horizontal line entering from the left, which splits into two paths: one leading to block 1 and another leading to block 21.
- Block 1:** A rectangular block that receives input 3 and outputs to block 7.
- Block 7:** A rectangular block that receives input from block 1 and outputs to block 9.
- Block 9:** A rectangular block that receives input from block 7 and outputs to block 13.
- Block 13:** A rectangular block that receives input from block 9 and outputs to block 17.
- Block 17:** A rectangular block that receives input from block 13 and outputs to block 15.
- Block 15:** A rectangular block that receives input from block 17 and outputs to block 23.
- Block 23:** A rectangular block that receives input from block 15 and outputs to block 25.
- Block 25:** A rectangular block that receives input from block 23 and outputs to block 27.
- Block 27:** A rectangular block that receives input from block 25 and outputs to block 33.
- Block 33:** A rectangular block that receives input from block 27 and outputs to block 49.
- Block 49:** A rectangular block that receives input from block 33 and outputs to block 31.
- Block 31:** A rectangular block that receives input from block 49 and outputs to block 51.
- Block 51:** A rectangular block that receives input from block 31 and outputs to block 35.
- Block 35:** A rectangular block that receives input from block 51 and outputs to block 29.
- Block 29:** A rectangular block that receives input from block 35 and outputs to block 21.
- Block 21:** A rectangular block that receives input from block 29 and outputs to block 39.
- Block 39:** A rectangular block that receives input from block 21 and outputs to block 19.
- Block 19:** A rectangular block that receives input from block 39 and outputs to block 43.
- Block 43:** A rectangular block that receives input from block 19 and outputs to block 41.
- Block 41:** A rectangular block that receives input from block 43 and outputs to block 45.
- Block 45:** A rectangular block that receives input from block 41 and outputs to block 47.
- Block 47:** A rectangular block that receives input from block 45 and outputs to block 41'.
- Block 41':** A rectangular block that receives input from block 47 and outputs to block 31.
- Block 37:** A horizontal line entering from the left, which splits into two paths: one leading to block 21 and another leading to block 19.

Fig. 2

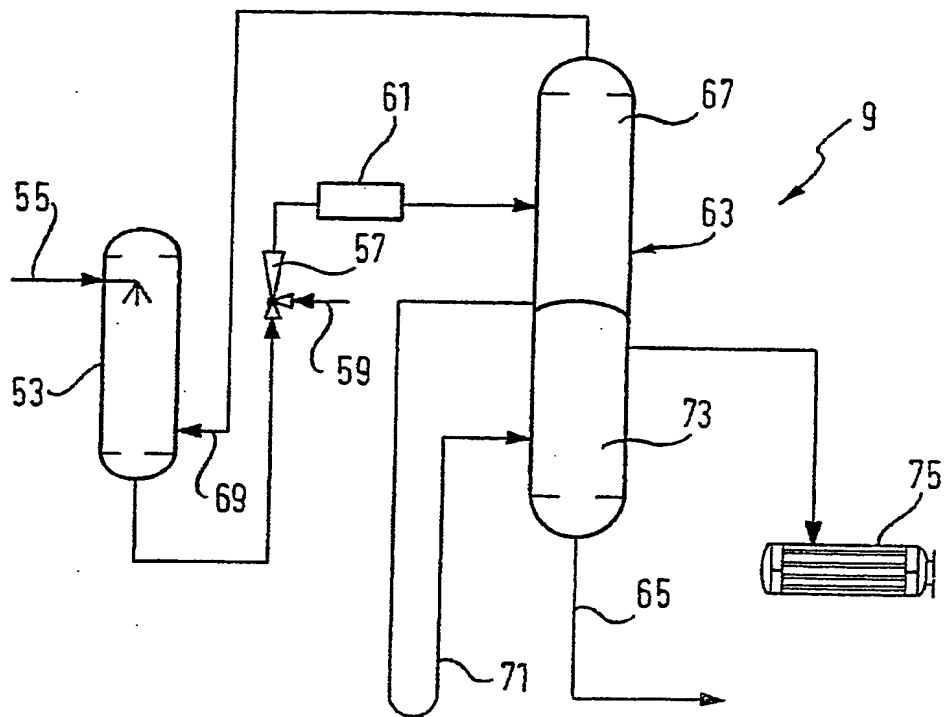


Fig. 3

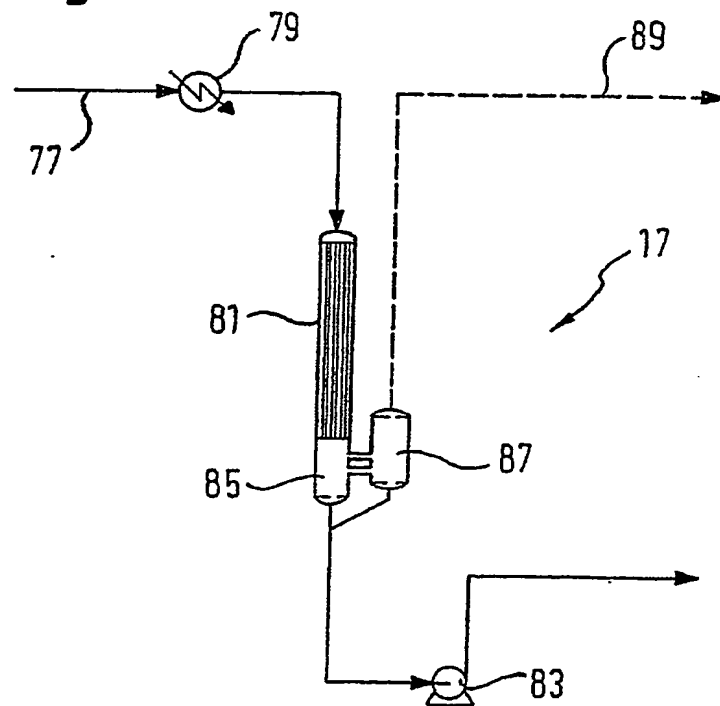


Fig. 4

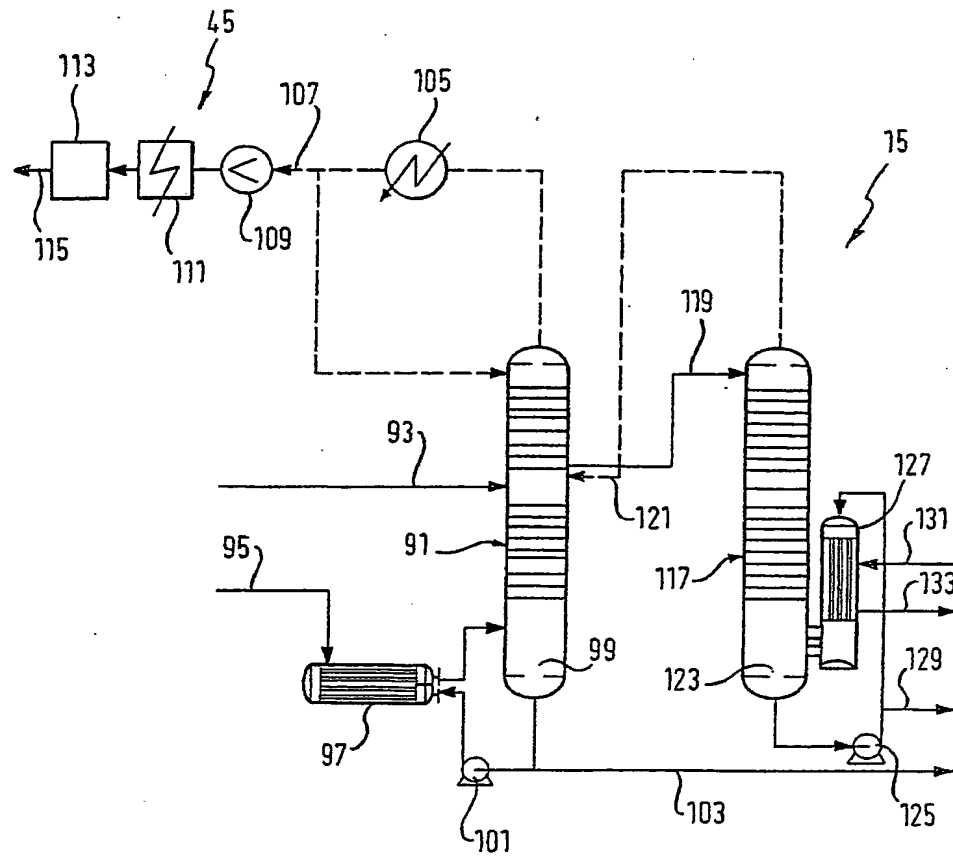


Fig. 5

